SEQUENCE LISTING

<110> Columbia University
Greene, Lloyd A.
Angelastro, James M.

<120> Methods for Regulating Differentiation of Neural Cells and Uses Thereof

<130> 5199-69

<140> US 10/809, 312

<141> 2004-03-24

<150> 60/460,242

<151> 2003-04-04

<160> 20

<170> PatentIn version 3.2

<210> 1

<211> 1034

<212> DNA

<213> Human

<400> 1

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ccccctggg cccctatgag gtccttgggg gtgccctgga gggcgggctt ccaggggggg 180

gagagcccct ggcaggtgac ggcttctctg attggatgac cgagcgggtg gacttcacag 240

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cccctgacct ggaagccatg gcatccctac tcaagaagga gctagaacag atggaagact 360

tcttccttga tgccccactc cttccaccgc cctccccacc tccaccccca cccccagcac 420

cctctctgcc cctgcccctta cccttgccca cctttgatct cccgcagcct cctaccctgg 480

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tgacaaccct gcctgtcccc cagcagcctc ctcctctggc ccctctgcct tcaccctccc 600

gaccagcccc ctatcctagt cctgccagca cccgagggga ccgcaagcaa aagaagagag 660

accagaataa gtcagctgct ctcaggtacc gccagaggaa gcgggcagag ggcgaggccc 720

tggagggcga gtgccaaggg ctagaggcgc ggaatcggga gctgagggag agggcagagt 780

cagtggaacg ggagatccag tatgtgaagg atctgctaat tgaggtgtat aaggcacgaa 840

gccagaggac ccgcagtgcc tagggtacag gaggaggcag ttctggtgta cctgtgcctc 900

cagcttcacc ctgtccctcc atttcacttc cctgtgcatc cgtgtctagg tctcccctct 960

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Ala Pro Ala Pro Leu Gly Pro Tyr Glu Val Leu Gly Gly Ala Leu Glu
35 40 45

Gly Gly Leu Pro Gly Gly Gly Glu Pro Leu Ala Gly Asp Gly Phe Ser
50 55 60

Asp Trp Met Thr Glu Arg Val Asp Phe Thr Ala Leu Leu Pro Leu Glu
65 70 75 80

Ala Pro Leu Pro Pro Gly Thr Leu Pro Pro Pro Ser Pro Ala Pro Pro
85 90 95

Asp Leu Glu Ala Met Ala Ser Leu Leu Lys Lys Glu Leu Glu Gln Met
100 105 110

Glu Asp Phe Phe Leu Asp Ala Pro Leu Leu Pro Pro Pro Ser Pro Pro
115 120 125

Pro Pro Pro Pro Pro Ala Pro Ser Leu Pro Leu Pro Leu Pro Leu Pro
130 135 140

Thr Phe Asp Leu Pro Gln Pro Pro Thr Leu Asp Thr Leu Asp Leu Leu
145 150 155 160

Ala Val Tyr Cys Arg Ser Glu Ala Gly Pro Gly Asp Ser Gly Leu Thr
165 170 175

Thr Leu Pro Val Pro Gln Gln Pro Pro Pro Leu Ala Pro Leu Pro Ser
180 185 190

Pro Ser Arg Pro Ala Pro Tyr Pro Ser Pro Ala Ser Thr Arg Gly Asp
195 200 205

Arg Lys Gln Lys Lys Arg Asp Gln Asn Lys Ser Ala Ala Leu Arg Tyr
210 215 220

Arg Gln Arg Lys Arg Ala Glu Gly Glu Ala Leu Glu Gly Glu Cys Gln
225 230 235 240

Gly Leu Glu Ala Arg Asn Arg Glu Leu Arg Glu Arg Ala Glu Ser Val
245 250 255

Glu Arg Glu Ile Gln Tyr Val Lys Asp Leu Leu Ile Glu Val Tyr Lys
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Ala Arg Ser Gln Arg Thr Arg Ser Ala
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20 25 30

Arg Glu Asn Glu Glu Leu Leu Glu Lys Glu Ala Glu Glu Leu Glu Gln
35 40 45

Glu Asn Ala Glu Leu Glu Gly Glu Cys Gln Gly Leu Glu Ala Arg Asn
50 55 60

Arg Glu Leu Arg Glu Arg Ala Glu Ser Val Glu Arg Glu Ile Gln Tyr
65 70 75 80

Val Lys Asp Leu Leu Ile Glu Val Tyr Lys Ala Arg Ser Gln Arg Thr
85 90 95

Arg Ser Ala

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ttatcatggt aaaaatgacg tcatggtaat ta 92

<210> 19

<211> 92

<212> DNA

<213> artificial sequence

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<223> synthetic oligo nucleotide

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gataattacc atgacgtcat ttttaccatg ac 92

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<211> 21

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<223> siRNA

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